Math Assessment Grade 7: Cookie Party

**Task:** As a service project, your class has been assigned the task of making cookies for a bake sale to raise funds for the local food bank.

**Individual work:**

1. In class, use your recipe to figure the fractional amount of each ingredient needed for exactly **40** cookies. In writing, show how you arrived at your answers.

2. Determine the price of ALL of the ingredients need for your recipe from the grocery list provided.

3. Calculate the cost to prepare 40 cookies. (Example: You purchased a five-pound bag of sugar for $1.29. You will only use 2 ½ cups of sugar. Calculate the cost of 2 ½ cups of sugar.)

4. Complete the table provided.

5. What is your price per cookie? How could you justify, then apply what you’ve learned in this assessment to situations that you may encounter in the future outside of cooking?

6. Create a document that provides the following information:

a) a copy of the recipe

b) your newly calculated recipe

c) your grocery list

d) your table

e) your written work for #1, #2 and #3

f) answers to #5

**Group work:**

Give a 3 – 7 minute presentation that includes the following:

a) What is your sale price per cookie is and why did you choose this price?

b) a visual aid

c) How could you justify, then apply what you’ve learned in this assessment to situations

that you may encounter in the future outside of cooking? Provide an example.

